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NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and

right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data

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=> s deer velvet
L1 22 DEER VELVET

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 13 DUP REM L1 (9 DUPLICATES REMOVED)

=> d ibib abs

L2 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:736406 CAPLUS
DOCUMENT NUMBER: 137:258524
TITLE: Preparation of yeast transformed with cDNA encoding **deer velvet** antler for the production of efficient pharmacological ingredients
INVENTOR(S): Bae, Hyun-Su

PATENT ASSIGNEE(S): Purimed Co., Ltd., S. Korea
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002074958	A1	20020926	WO 2001-KR892	20010526

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2003100066	A1	20030529	US 2002-240797	20021004

PRIORITY APPLN. INFO.: KR 2001-5536 A 20010206
WO 2001-KR892 W 20010526

AB This invention provides transgenic yeast which is transformed with cDNA of **deer velvet** antler for efficient prodn. of pharmacol. ingredients. The invention also discloses methods of sep. mRNA from **deer velvet** antler having pharmaceutic effect, prepg. cDNA from mRNA, constructing cDNA library, and prodn. of yeast strain contg. cDNA library. Therefore, this invention provides an efficient method for developing medicine.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib 2

L2 ANSWER 2 OF 13 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 2002296052 EMBASE
TITLE: Op-Ed: To use or not to use **deer velvet** antler: Informed decision making is vital.
AUTHOR: Abascal K.; Yarnell E.
CORPORATE SOURCE: K. Abascal, Botanical Medicine Academy, Vashon, WA, United States
SOURCE: Alternative and Complementary Therapies, (2002) 8/4 (205-206).
ISSN: 1076-2809 CODEN: ACTHFZ
COUNTRY: United States
DOCUMENT TYPE: Journal; (Short Survey)
FILE SEGMENT: 017 Public Health, Social Medicine and Epidemiology
LANGUAGE: English

=> d ibib 3

L2 ANSWER 3 OF 13 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 2002201959 EMBASE
TITLE: Op ed: **Deer velvet** antler. Problems and botanical alternatives.

AUTHOR: Suttie J.M.
CORPORATE SOURCE: Dr. J.M. Suttie, AgResearch Ltd., Mosgiel, New Zealand
SOURCE: Alternative and Complementary Therapies, (2002) 8/3 (136-140).
Refs: 35
ISSN: 1076-2809 CODEN: ACTHFZ
COUNTRY: United States
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 030 Pharmacology
037 Drug Literature Index
052 Toxicology
LANGUAGE: English
SUMMARY LANGUAGE: English

=> d ibib 4

L2 ANSWER 4 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:591105 BIOSIS
DOCUMENT NUMBER: PREV200200591105
TITLE: Proceedings of the Waikato Clinical School Research Seminar, September 20, 2001.
AUTHOR(S): Anonymous
SOURCE: New Zealand Medical Journal, (September 13, 2002) Vol. 115,
No. 1161 Cited October 15, 2002, pp. No Pagination.
http://www.nzma.org.nz/journal/115-1161/177/content.pdf cited October 29, 2002 http://www.nzma.org.nz/journal/. online.
Meeting Info.: Proceedings of the Waikato Clinical School Research Seminar September 20, 2001 Waikato Clinical School
. ISSN: 0028-8446.
DOCUMENT TYPE: Conference
LANGUAGE: English

=> d ibib 5

L2 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
ACCESSION NUMBER: 2000:718989 CAPLUS
DOCUMENT NUMBER: 134:96372
TITLE: Toxicological evaluation of New Zealand **deer velvet** powder. Part I: acute and subchronic oral toxicity studies in rats
AUTHOR(S): Zhang, H.; Wanwimolruk, S.; Coville, P. F.; Schofield, J. C.; Williams, G.; Haines, S. R.; Suttie, J. M.
CORPORATE SOURCE: School of Pharmacy, Natural & Complementary Medicine Research, University of Otago, Dunedin, N. Z.
SOURCE: Food and Chemical Toxicology (2000), 38(11), 985-990
CODEN: FCTOD7; ISSN: 0278-6915
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib 6

L2 ANSWER 6 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
ACCESSION NUMBER: 1999:122244 BIOSIS
DOCUMENT NUMBER: PREV199900122244
TITLE: **Deer velvet** antler: Some unanswered questions of toxicology.
AUTHOR(S): Dalefield, R. R.; Oehme, F. W.
CORPORATE SOURCE: Comparative Toxicology Laboratories, Kansas State Univ., Manhattan, KS 66506-5606 USA
SOURCE: Veterinary and Human Toxicology, (Feb., 1999) Vol. 41, No. 1, pp. 39-41.
ISSN: 0145-6296.
DOCUMENT TYPE: Article
LANGUAGE: English

=> d abs 6

L2 ANSWER 6 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
AB **Deer velvet** antler is marketed as a remedy for a wide range of disorders. However, there is a lack of information in the scientific literature to support these claims, and there is also a lack of information on potential toxicity. Areas of potential concern include drug residues, possible deleterious androgenic effects on fetuses and neonates and allergic reactions.

=> d 7 ibib abs

L2 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:746656 CAPLUS
DOCUMENT NUMBER: 127:336627
TITLE: Method of preparing **deer velvet** antlers for making rantorin and pantocrin
INVENTOR(S): Novokhatskij, Aleksandr S.; Kondratev, Vitalij S.; Ryzhkova, Galina I.
PATENT ASSIGNEE(S): Gosudarstvennyj Institut Krovezamenitelej I Meditsinskikh Preparatov, Russia
SOURCE: Russ. From: Izobreteniya 1997, (18), 66.
CODEN: RUXXE7
DOCUMENT TYPE: Patent
LANGUAGE: Russian
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RU 2082407	C1	19970627	RU 1994-23826	19940630

PRIORITY APPLN. INFO.: RU 1994-23826 19940630
AB Title only translated.

=> d 8 ibib abs

L2 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:162085 CAPLUS
DOCUMENT NUMBER: 128:286247
TITLE: Aspects of the standardization of the drug pantocrin. 1. Evaluation of the hypotensive action of individual components
AUTHOR(S): Vereshchagin, A. L.; Pogodaeva, N. N.; Gorshkov, A. G.; Semenov, A. A.
CORPORATE SOURCE: Limnolog. Inst., SO RAN, Irkutsk, Russia
SOURCE: Khimiko-Farmatsevticheskii Zhurnal (1997), 31(11), 53-56
CODEN: KHFZAN; ISSN: 0023-1134
PUBLISHER: Izdatel'stvo Folium
DOCUMENT TYPE: Journal
LANGUAGE: Russian
AB Pantocrin is an antihypertensive agent prepd. from the velvet antlers of deer. A series of extns. of various components of the pharmaceutical natural product showed that the antihypertensive activity resides in fraction IIIg.

=> d 9 ibib abs

L2 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3
ACCESSION NUMBER: 1995:266287 CAPLUS
DOCUMENT NUMBER: 122:24573
TITLE: Effects of insulin-like growth factor-I (IGF-I) and IGF-II on the growth of antler cells in vitro
AUTHOR(S): Sadighi, M.; Haines, S. R.; Skottner, A.; Harris, A. J.; Suttie, J. M.
CORPORATE SOURCE: AgResearch, Invermay Agricultural Centre, Mosgiel, 50034, N. Z.
SOURCE: Journal of Endocrinology (1994), 143(3), 461-9
CODEN: JOENAK; ISSN: 0022-0795
PUBLISHER: Journal of Endocrinology
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The effects of insulin-like growth factors -I and -II (IGF-I and -II) on the growth of undifferentiated (fibroblast zone) cells from the growing tip of red **deer velvet** antlers and from cells 1.5 cm distal to the growing tip (cartilage zone) were investigated in primary cell culture. The addn. of IGF-I or IGF-II to the medium of cultures preincubated in serum-free medium for 24 h increased the rate of [3H]thymidine uptake in a dose-dependent manner in both cell types, with maximal stimulation occurring when 1 nM-30 nM was added. The addn. of IGF-II to the incubation medium contg. IGF-I did not cause f further increase in [3H]thymidine uptake in either cell type over and above each growth factor alone, indicating that there were unlikely to be synergistic effects of IGF-II on the mitogenicity of IGF-I. Binding studies were carried out using 3 .times. 105 fibroblast zone cells and cartilage zone cells after they had been incubated in serum-free medium for 24 h. 125I-labeled IGF-I (10-9 M) in a final vol. of 200 .mu.L was added to each culture and incubation carried out at 4.degree. for a further hour. 125I-labeled IGF-I bound specifically to both fibroblasts and cartilage zone cells; binding was displaced by both unlabeled IGF-I and by IGF-I antibody. These findings indicate that IGF-I and IGF-II are important mediators for antler growth in vitro and suggest that in view of correlations between IGF-I and antler growth, IGF is functionally

significant in controlling velvet antler growth in vivo.

=> d 10 ibib abs

L2 ANSWER 10 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1994:403041 BIOSIS
DOCUMENT NUMBER: PREV199497416041
TITLE: Study on the nutritive value of velvet antler by major producing districts.
AUTHOR(S): Ahn, B. H.
CORPORATE SOURCE: Dep. Dairy Sci., Coll. Agric., Gyeongsang Natl. Univ. South Korea
SOURCE: Korean Journal of Animal Nutrition & Feedstuffs, (1994) Vol. 18, No. 3, pp. 173-178. ISSN: 1011-2294.
DOCUMENT TYPE: Article
LANGUAGE: Korean
SUMMARY LANGUAGE: Korean; English
AB This experiment was carried out to investigate the effects of velvet antler on performance and blood cholesterol concentration of rat and amino acid and mineral concentration of velvet antler. 0.3% of velvet antler of Sika, Formosan and Red deer was supplemented to basal diet, respectively. Crude protein of velvet antler ranged from 50.89 to 64.59% and that of Red deer was higher than that of Sika deer. Crude ash of velvet antler was 31.78-39.95% and that of Sika deer was higher than that of Red deer. Crude protein concentration in organic matter of velvet antler was 85-95%. Body weight gain, feed intake and feed efficiency were not influenced by the supplementation of velvet antler but blood cholesterol concentration of rat was significantly (P lt 0.01) decreased by the supplementation of velvet antler. However, no significant difference was found in the blood cholesterol concentration between kinds of velvet antler. Velvet antler contained more leucine, lysine, arginine, aspartic acid, glutamic acid, proline, glycine and alanine than other amino acids. Amino acid composition in velvet antler of Formosan deer was slightly higher than those of Sika and Red **deer**. **Velvet** antler contained higher Ca, P, Fe and Zn than other minerals, and mineral compositions in velvet antler of Sika deer were higher than those of Formosan and Red deer.

=> d 11 ibib abs

L2 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 4
ACCESSION NUMBER: 1995:236744 CAPLUS
DOCUMENT NUMBER: 122:1695
TITLE: Prostaglandins from sika **deer velvet** antlers
AUTHOR(S): Isai, S. V.; Ivankina, N. F.; Kafanova, T. V.; Yelyakov, G. B.
CORPORATE SOURCE: Tikhookean. Inst. Bioorg. Khim., Vladivostok, Russia
SOURCE: Khimiko-Farmatsevticheskii Zhurnal (1994), 28(7), 60-3
CODEN: KHFZAN; ISSN: 0023-1134
PUBLISHER: Izdatel'stvo Folium
DOCUMENT TYPE: Journal

LANGUAGE: Russian
AB Sika **deer velvet** antlers contained prostaglandins A, E, and F, mainly PGF1.alpha. and PGF2.alpha.. This may explain some of the pharmacol. properties of deer antler velvet.

=> d 12 ibib abs

L2 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1978:126250 CAPLUS
DOCUMENT NUMBER: 88:126250
TITLE: Pharmacologically effective components of antler (Cervus nippon taiouanus). IV. Detection of prostaglandins of antler velvet layer
AUTHOR(S): Kim, Young Eun; Lee, Seung Ki; Lee, Myoung Hee
CORPORATE SOURCE: Coll. Pharm., Seoul Natl. Univ., Seoul, S. Korea
SOURCE: Han'guk Saenghwa Hakhoechi (1977), 10(1), 1-12
CODEN: KBCJAK; ISSN: 0368-4881
DOCUMENT TYPE: Journal
LANGUAGE: Korean
AB Fresh antlers were cut, frozen and mech. sepd. into spongy bone layer and velvet layer. The prostaglandin-like components were extd. from the antler velvet layer. The prostaglandins detected were PGE2 [363-24-6], 15-epi-PGE1 [20897-91-0], PGF1.alpha. [745-62-0], PGF1.beta. [10164-73-5]. The petroleum ether fraction contained mostly the PGE series and the Et2O fraction contained the PGF series. One major prostaglandin-like component of antler velvet layer was the main compd. in the petroleum ether ext. The structure of this compd. is still unknown but the gas liq. chromatog. data suggest that it is a hydroxy fatty acid.

=> d 13 ibib abs

L2 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1978:20747 BIOSIS
DOCUMENT NUMBER: BR14:20747
TITLE: STUDIES ON THE EFFECTS OF **DEER VELVET** ON GROWTH OF ANIMALS PART 2 EFFECTS OF VELVET ON THE GROWTH OF INTERNAL ORGANS AND BLOOD PICTURE OF CHICKEN.
AUTHOR(S): BAE D-S
SOURCE: Han'guk Ch'uksan Hakhoechi, (1976 (RECD 1977)) 18 (5), 342-348.
CODEN: HGCHAG. ISSN: 0367-5807.
FILE SEGMENT: BR; OLD
LANGUAGE: Unavailable

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